

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080318\
 Data File : BF107965.D
 Acq On : 4 Aug 2018 4:06
 Operator : JU/SJ
 Sample : J4297-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.013	451	455	462	rVB	127919	135003	2.96%	0.193%
2	5.096	462	469	471	rBV	140061	180060	3.95%	0.257%
3	5.125	471	474	479	rVB	117148	124120	2.72%	0.177%
4	5.184	479	484	489	rBV2	425857	766162	16.82%	1.093%
5	5.231	489	492	497	rVB3	77882	111055	2.44%	0.158%
6	5.372	510	516	519	rBV3	240021	418853	9.19%	0.598%
7	5.401	519	521	525	rVB3	80900	79411	1.74%	0.113%
8	5.596	551	554	560	rBV	1076242	1462717	32.11%	2.087%
9	5.648	560	563	566	rVB	237757	279722	6.14%	0.399%
10	5.719	572	575	581	rVB2	416362	617783	13.56%	0.881%
11	5.766	581	583	586	rVB	472929	435327	9.56%	0.621%
12	5.813	586	591	594	rBV	328064	359806	7.90%	0.513%
13	5.872	598	601	606	rVB	259240	257555	5.65%	0.367%
14	5.978	609	619	622	rBV3	683616	1162504	25.52%	1.658%
15	6.013	622	625	632	rBV3	394834	648730	14.24%	0.926%
16	6.072	632	635	636	rBV3	89773	100920	2.22%	0.144%
17	6.090	636	638	640	rBV	378364	336211	7.38%	0.480%
18	6.113	640	642	645	rVB	690253	540864	11.87%	0.772%
19	6.148	645	648	651	rBV3	361577	421310	9.25%	0.601%
20	6.190	651	655	662	rBV2	1944261	3493451	76.69%	4.984%
21	6.248	662	665	668	rVB2	996740	956473	21.00%	1.365%
22	6.290	668	672	674	rBV5	303375	413646	9.08%	0.590%
23	6.313	674	676	678	rVB	387911	304491	6.68%	0.434%
24	6.337	678	680	683	rVB3	263448	276733	6.07%	0.395%
25	6.384	683	688	692	rBV4	915842	1495718	32.83%	2.134%
26	6.443	692	698	701	rVB3	828703	1139997	25.03%	1.626%
27	6.490	701	706	711	rBV3	1781668	2911015	63.90%	4.153%
28	6.531	711	713	716	rVB	528597	457915	10.05%	0.653%
29	6.566	716	719	722	rBV4	302564	359567	7.89%	0.513%
30	6.601	722	725	727	rBV	1473662	1560465	34.26%	2.226%
31	6.625	727	729	731	rVB	863098	722779	15.87%	1.031%
32	6.648	731	733	735	rBV	388515	289204	6.35%	0.413%
33	6.695	735	741	745	rBV5	979311	1879685	41.26%	2.682%
34	6.737	745	748	752	rVB2	1698134	1853716	40.69%	2.645%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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35	6.772	752	754	755 rBV	323728	245415	5.39%	0.350%
36	6.790	755	757	758 rVB2	161773	76481	1.68%	0.109%
37	6.807	758	760	763 rVB2	720034	668198	14.67%	0.953%
38	6.848	763	767	774 rBV4	1208363	2611446	57.33%	3.726%
39	6.913	774	778	782 rBV6	814204	1815292	39.85%	2.590%
40	6.960	782	786	789 rVB	2856750	3196348	70.17%	4.560%
41	7.001	790	793	797 rVB2	630203	854194	18.75%	1.219%
42	7.054	797	802	805 rBV4	1103731	1891159	41.51%	2.698%
43	7.095	805	809	811 rBV2	1726627	2189335	48.06%	3.123%
44	7.178	820	823	825 rBV	733372	788893	17.32%	1.125%
45	7.225	825	831	834 rVV4	2007279	2877469	63.17%	4.105%
46	7.248	834	835	840 rVB4	668707	573462	12.59%	0.818%
47	7.295	840	843	845 rBV3	495063	484978	10.65%	0.692%
48	7.354	846	853	855 rBV2	1620942	2733347	60.00%	3.900%
49	7.425	862	865	869 rBV5	546714	893494	19.61%	1.275%
50	7.489	870	876	880 rVV3	2149306	4555387	100.00%	6.499%
51	7.531	880	883	889 rVB4	1683549	2572149	56.46%	3.670%
52	7.595	889	894	898 rBV4	1729333	3060752	67.19%	4.367%
53	7.654	901	904	908 rVB3	891100	1345158	29.53%	1.919%
54	7.731	914	917	921 rBV2	1343007	1820488	39.96%	2.597%
55	7.772	921	924	929 rVB3	1400769	1867329	40.99%	2.664%
56	7.889	941	944	952 rVB5	1402210	2476738	54.37%	3.533%
57	8.113	979	982	985 rBV2	1113682	1650855	36.24%	2.355%
58	12.595	1741	1744	1746 rBV	896143	955786	20.98%	1.364%
59	13.101	1827	1830	1834 rVB	1429393	1336874	29.35%	1.907%

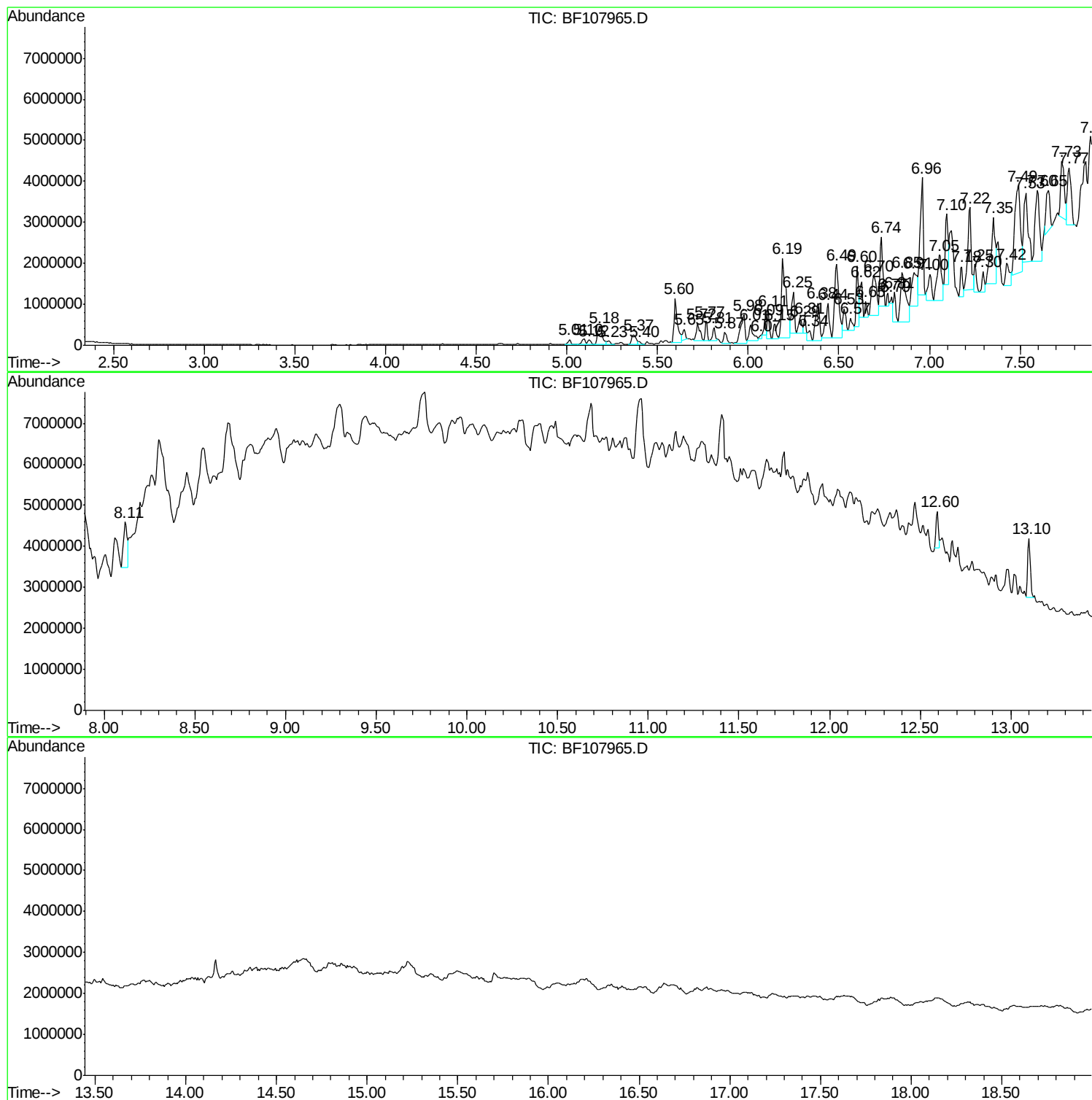
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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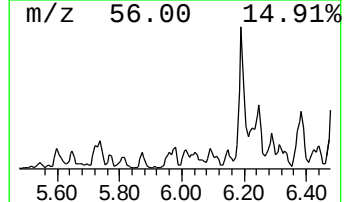
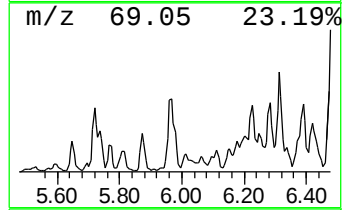
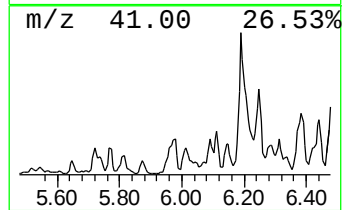
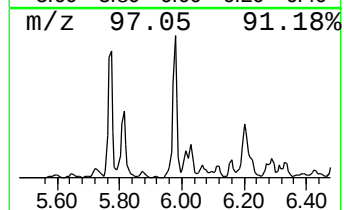
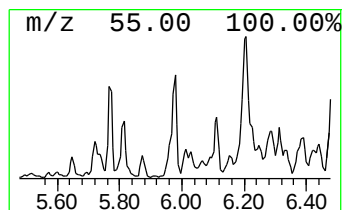
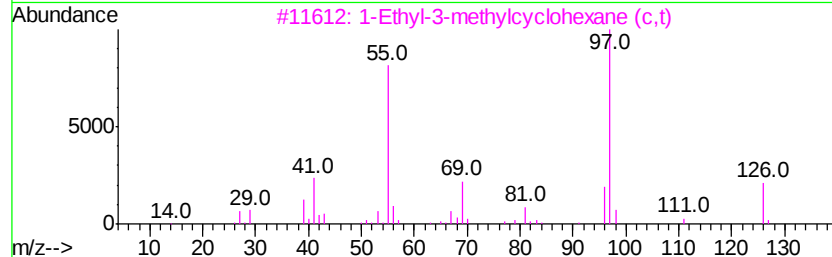
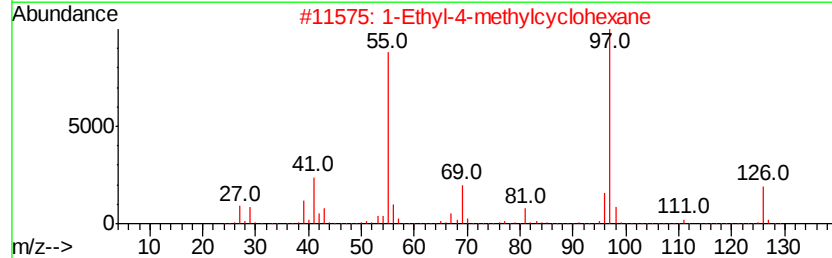
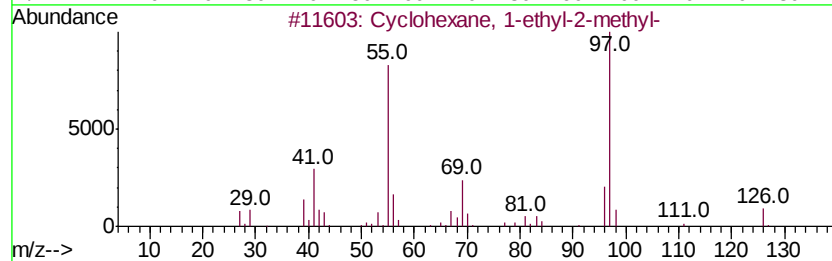
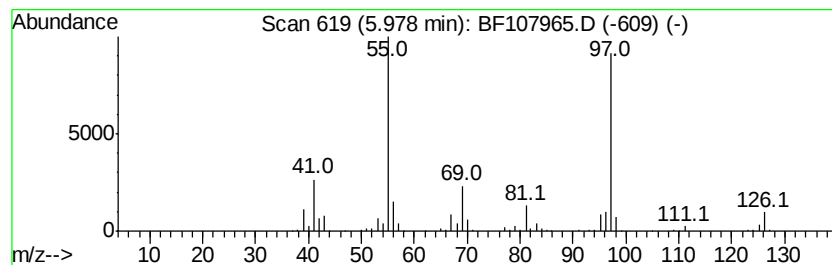
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Cyclohexane, 1-ethyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	7.27 ng	1162500	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	87
2		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	87
3		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	83
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	83
5		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	83



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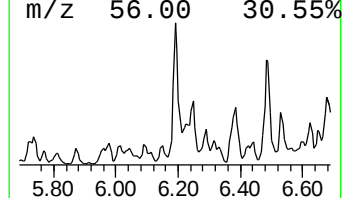
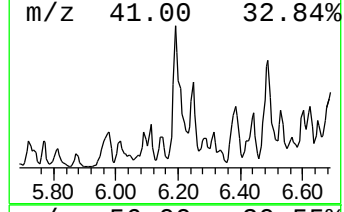
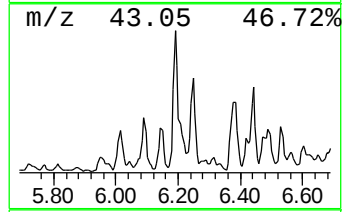
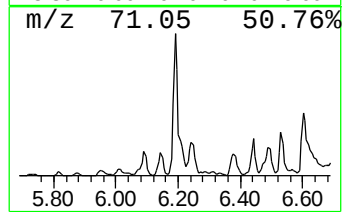
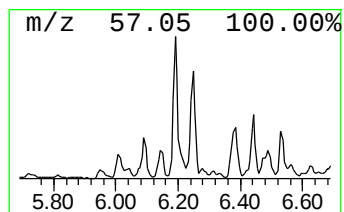
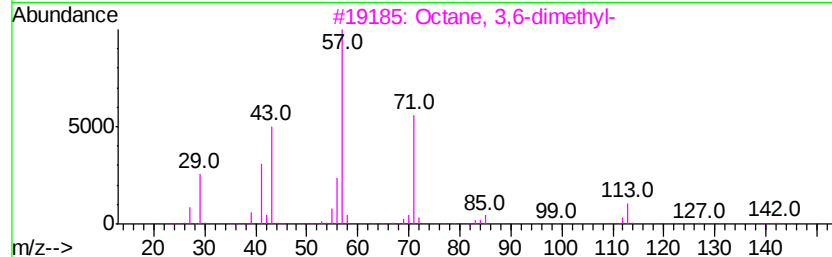
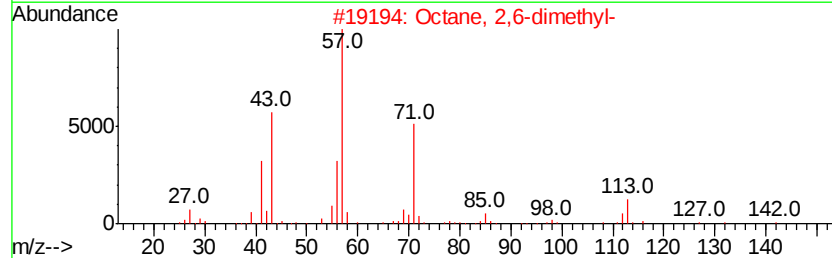
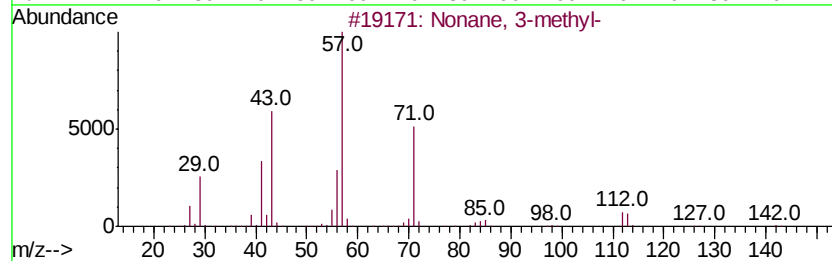
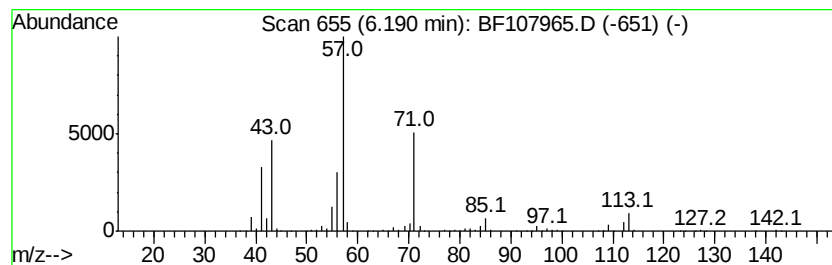
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Nonane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
6.19	21.86 ng	3493450	1,4-Dichlorobenzene-d4	6.97		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3-methyl-	142	C10H22	005911-04-6	80
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4		Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	64
5		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64



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Instrument :
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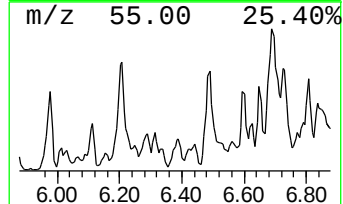
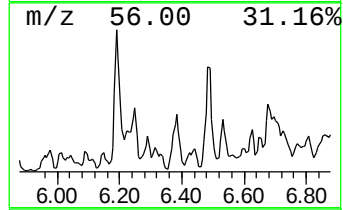
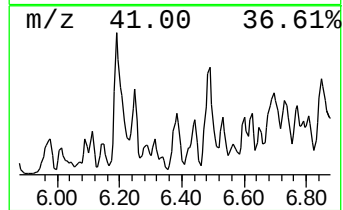
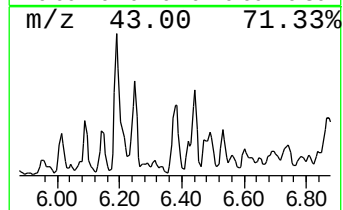
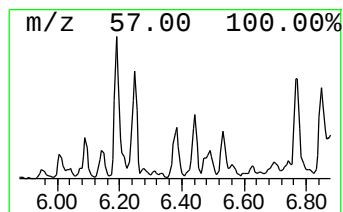
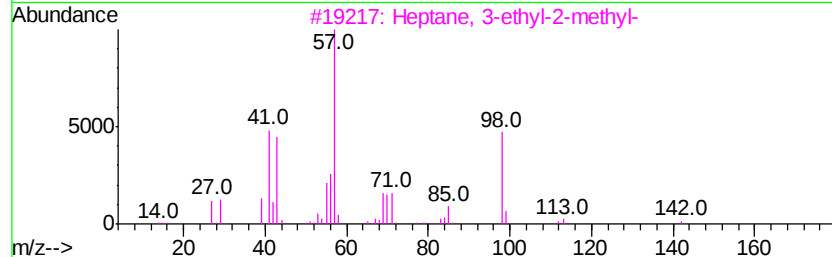
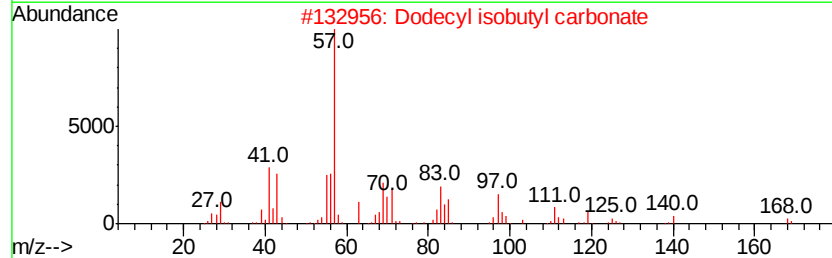
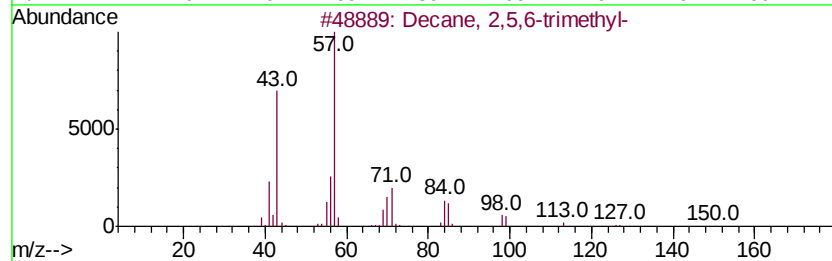
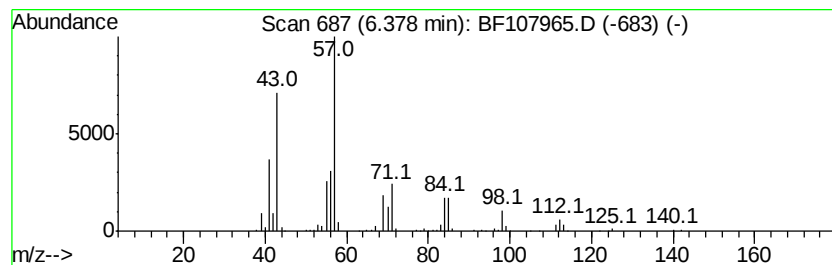
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane, 2,5,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	9.36 ng	1495720	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	72
2		Dodecyl isobutyl carbonate	286	C17H34O3	959067-22-2	72
3		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
4		Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	58
5		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53



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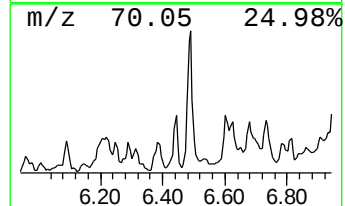
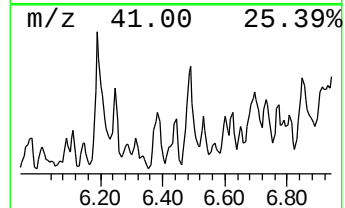
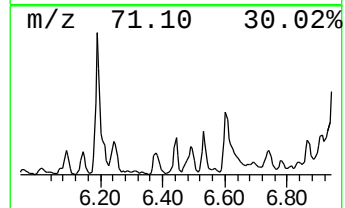
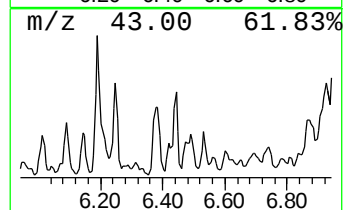
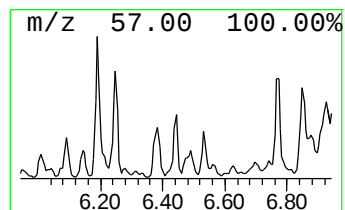
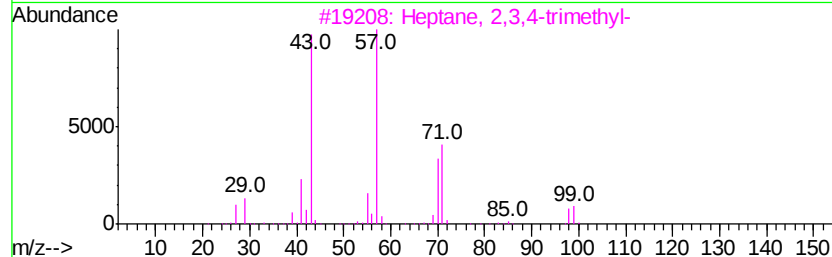
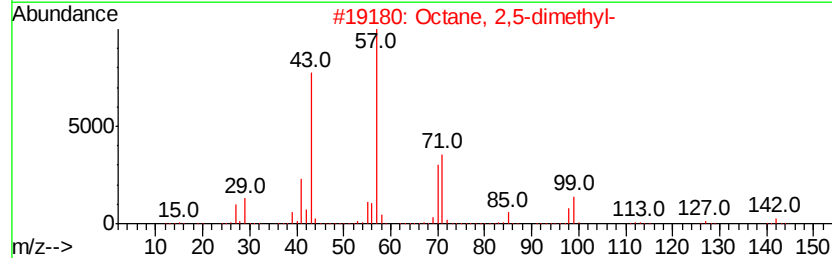
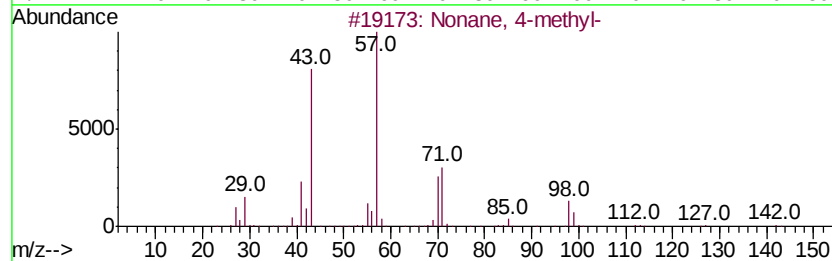
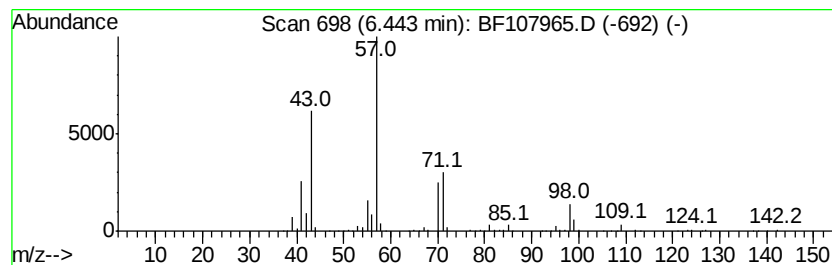
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Nonane, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	7.13 ng	1140000	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4-methyl-	142	C10H22	017301-94-9	91
2			Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	64
3			Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	59
4			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
5			Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53



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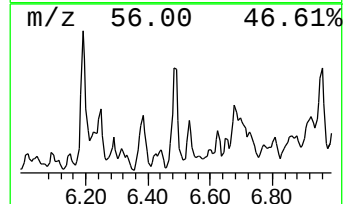
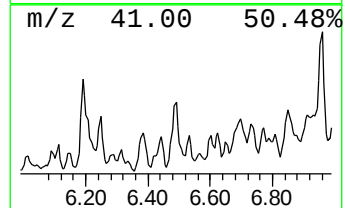
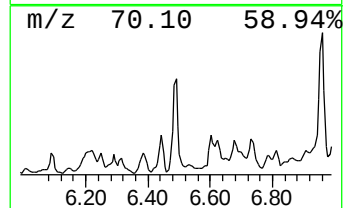
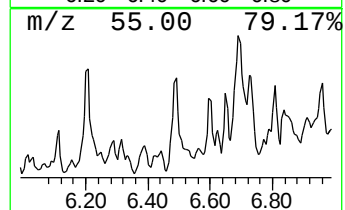
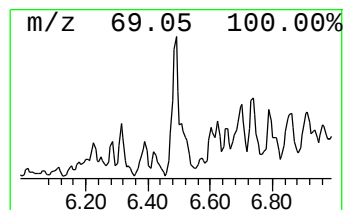
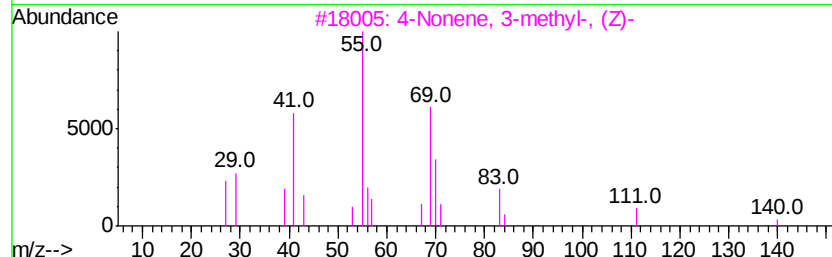
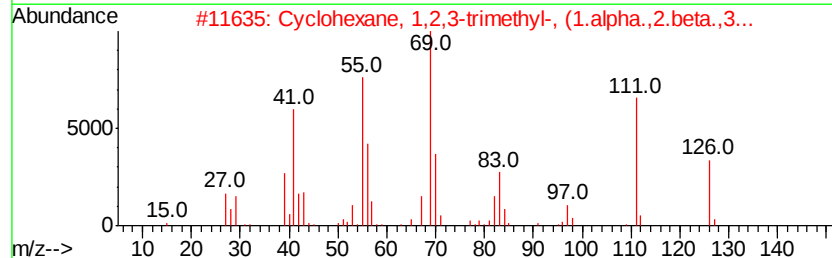
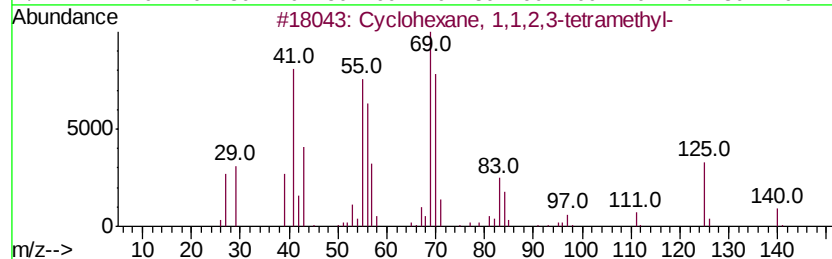
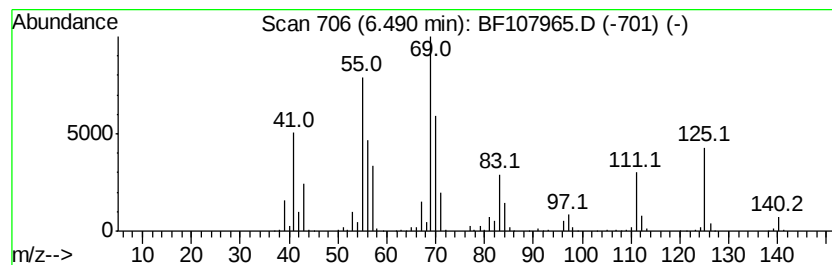
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	18.21 ng	2911020	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	81
2		Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	62
3		4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	53
4		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	53
5		4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107965.D
Acq On : 4 Aug 2018 4:06
Operator : JU/SJ
Sample : J4297-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

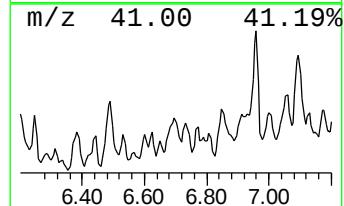
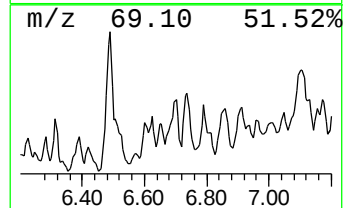
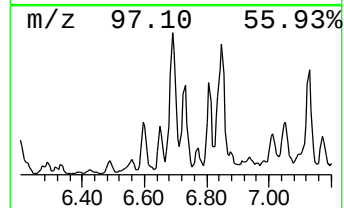
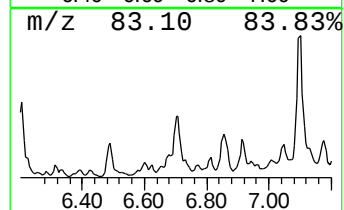
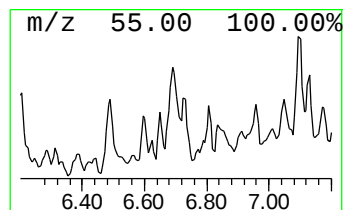
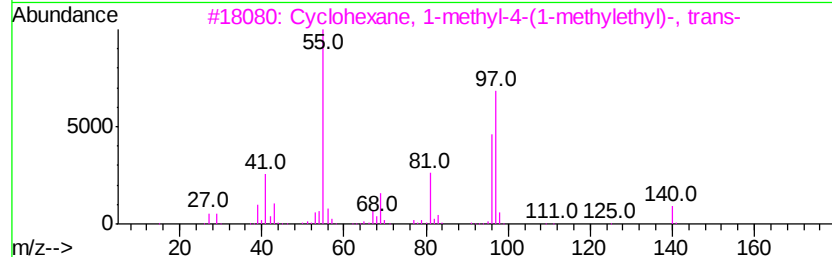
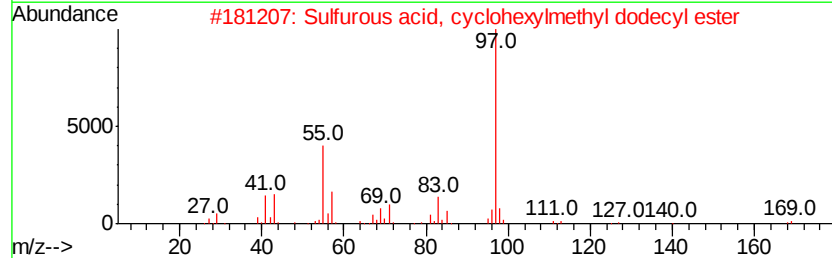
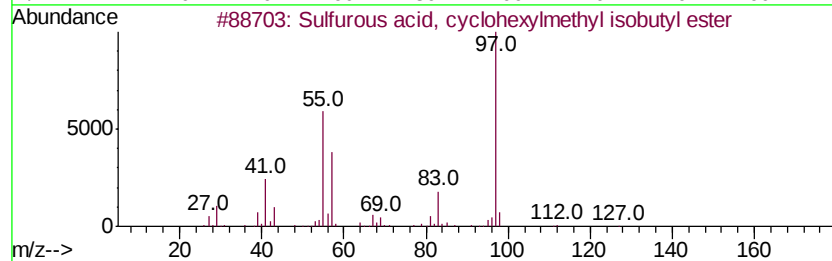
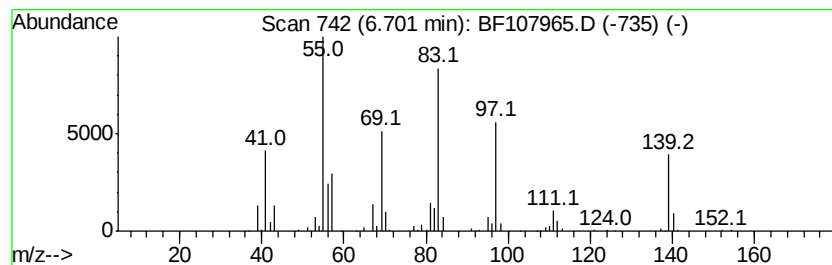
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Sulfurous acid, cyclohexylm... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	11.76 ng	1879690	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, cvclohexylmethvl...	234	C11H22O3S	1000309-21-3	72
2		Sulfurous acid, cvclohexylmethvl...	346	C19H38O3S	1000309-22-0	64
3		Cvclohexane, 1-methvl-4-(1-methv...	140	C10H20	001678-82-6	58
4		Cvclohexane, 1,3-dimethvl-, cis-	112	C8H16	000638-04-0	53
5		m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
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ClientSampleId :
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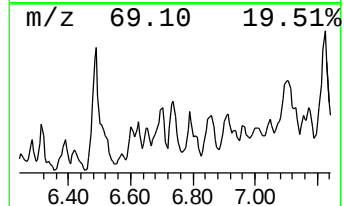
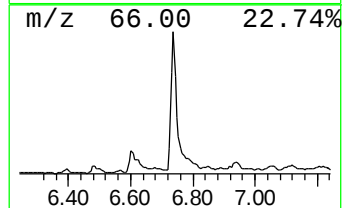
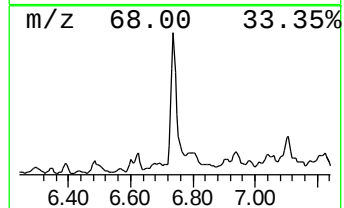
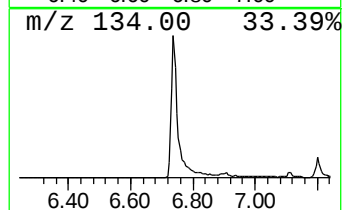
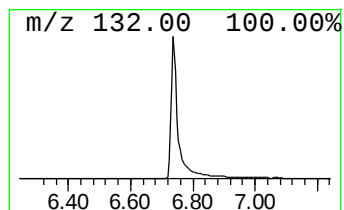
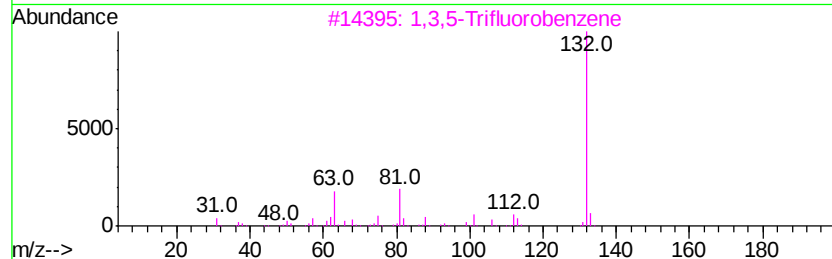
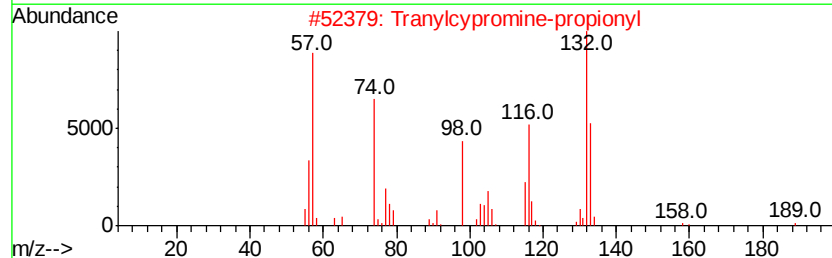
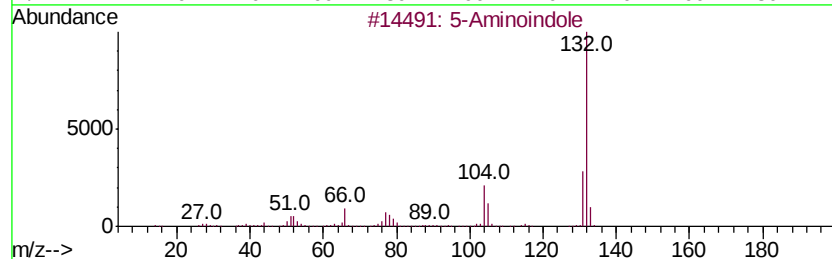
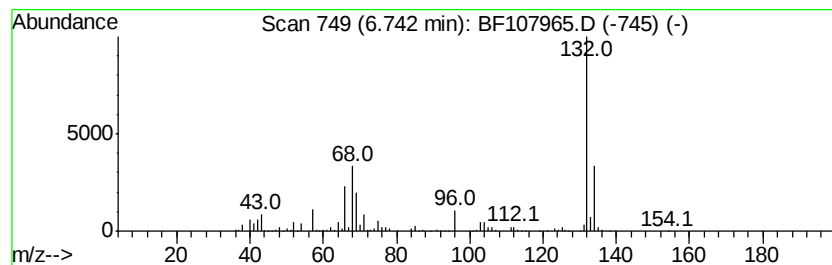
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown6.74 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	11.60 ng	1853720	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Aminoindole	132	C8H8N2	005192-03-0	16
2			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3			1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
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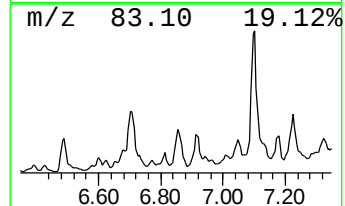
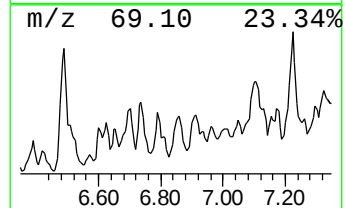
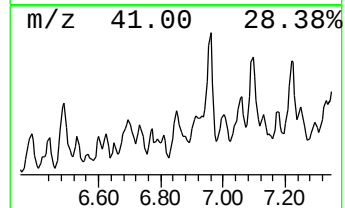
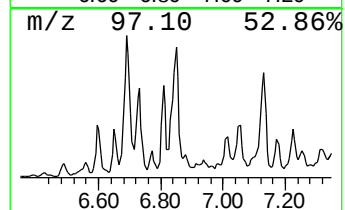
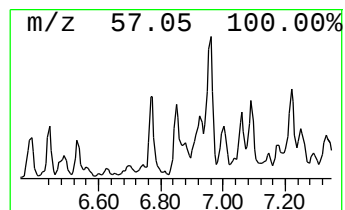
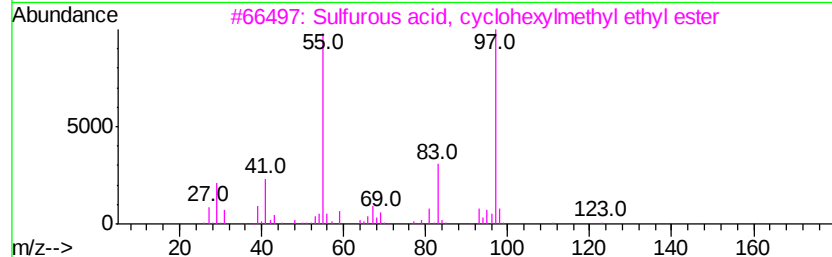
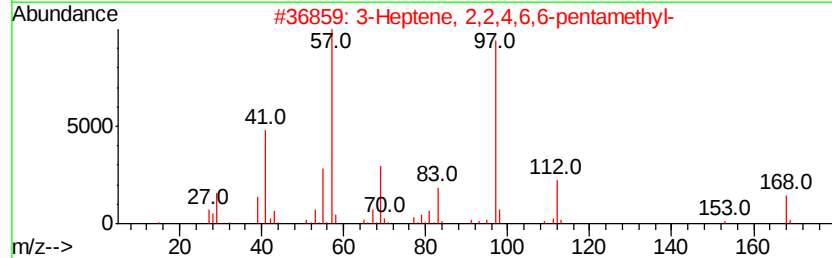
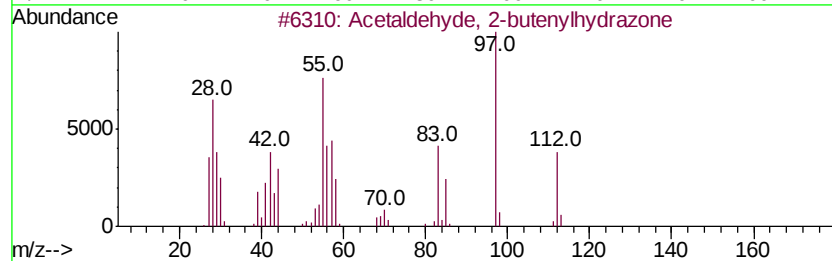
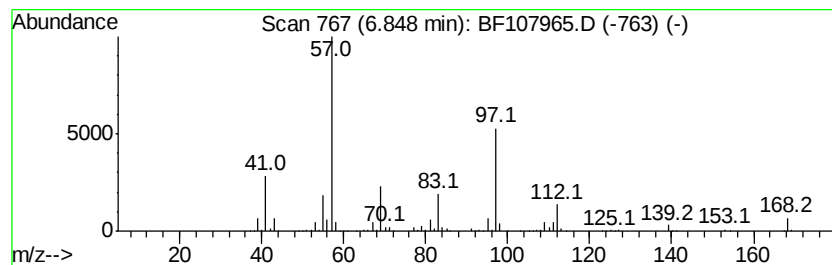
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Acetaldehyde, 2-butenylhydr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	16.34 ng	2611450	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde, 2-butenylhydrazone	112	C6H12N2	075268-07-4	53
2			3-Heptene, 2,2,4,6,6-pentamethyl-	168	C12H24	000123-48-8	52
3			Sulfurous acid, cyclohexylmethvl...	206	C9H18O3S	1000309-21-2	47
4			Thiophene, 2-ethyl-	112	C6H8S	000872-55-9	43
5			2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107965.D
Acq On : 4 Aug 2018 4:06
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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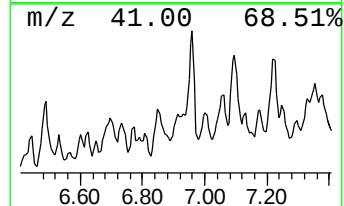
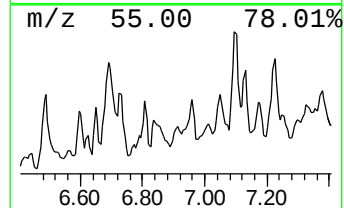
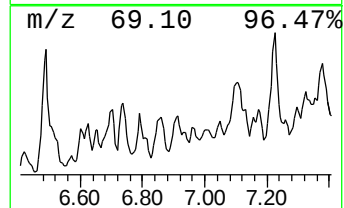
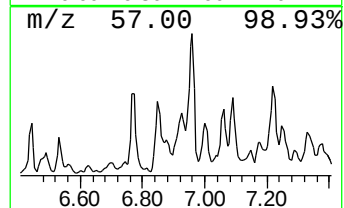
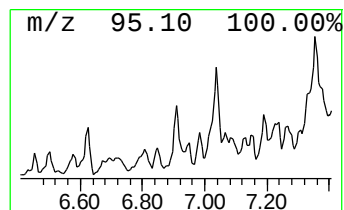
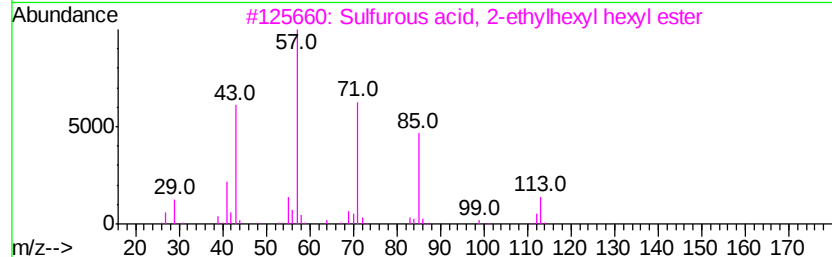
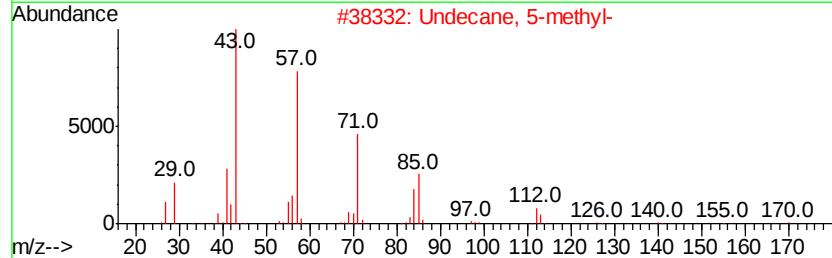
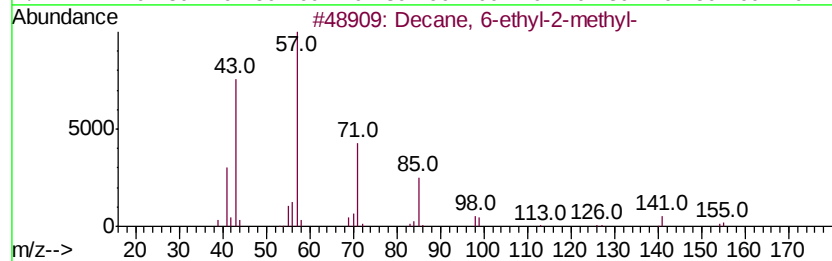
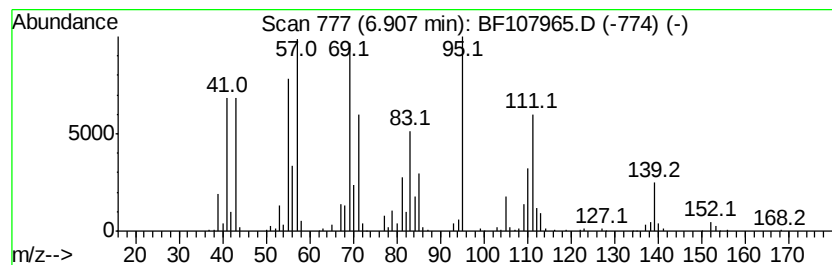
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown6.91 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	11.36 ng	1815290	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	22
2		Undecane, 5-methyl-	170	C12H26	001632-70-8	22
3		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	22
4		Octane, 4-ethyl-	142	C10H22	015869-86-0	22
5		Triallylsilane	152	C9H16Si	001116-62-7	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107965.D
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Misc :
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Instrument :
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ClientSampleId :
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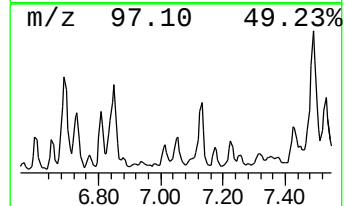
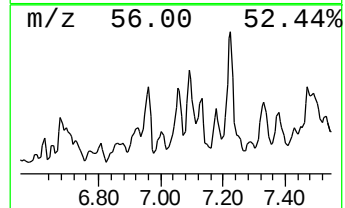
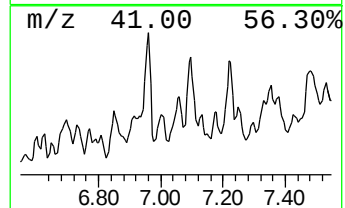
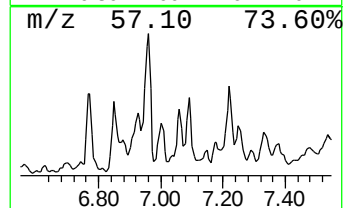
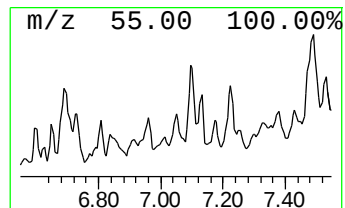
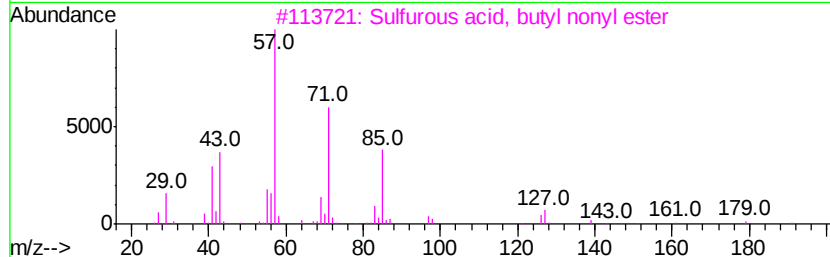
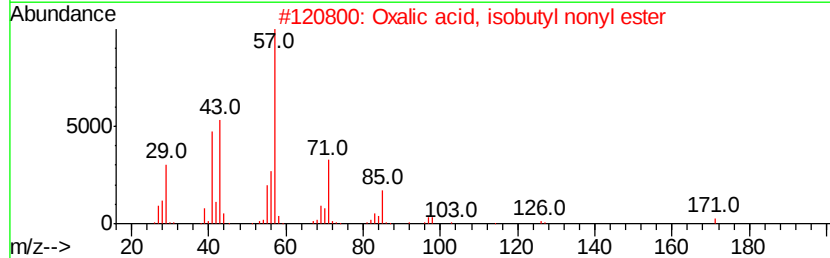
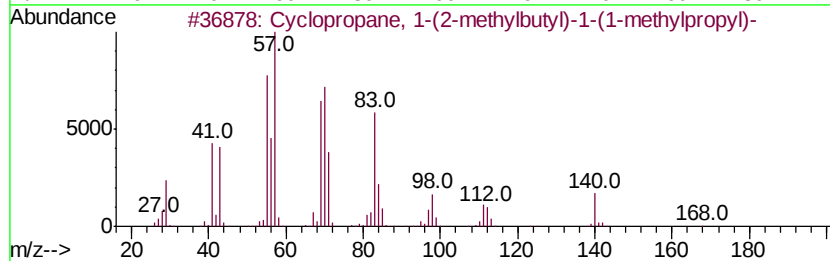
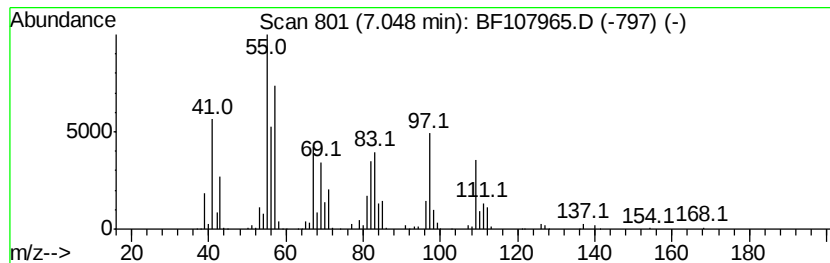
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown7.05 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	11.83 ng	1891160	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropane, 1-(2-methylbutyl)-...	168	C12H24	064723-36-0	47
2		Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	43
3		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	38
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	38
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	38



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Acq On : 4 Aug 2018 4:06
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Misc :
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Instrument :
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ClientSampleId :
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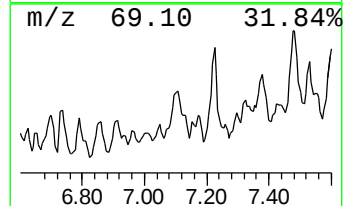
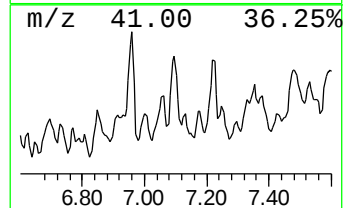
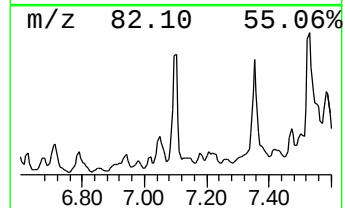
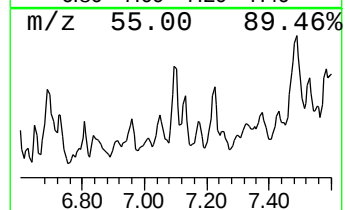
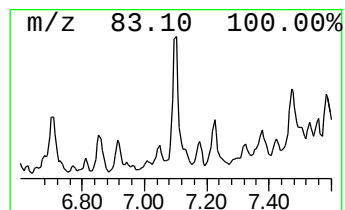
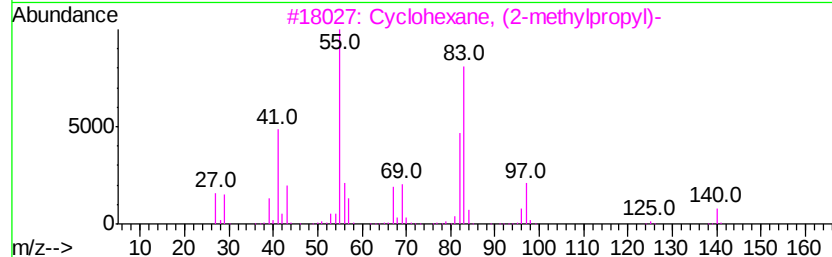
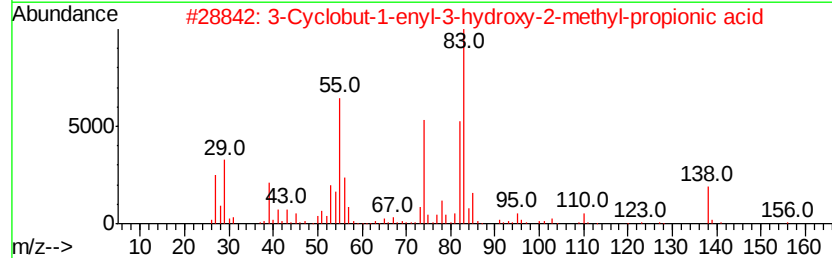
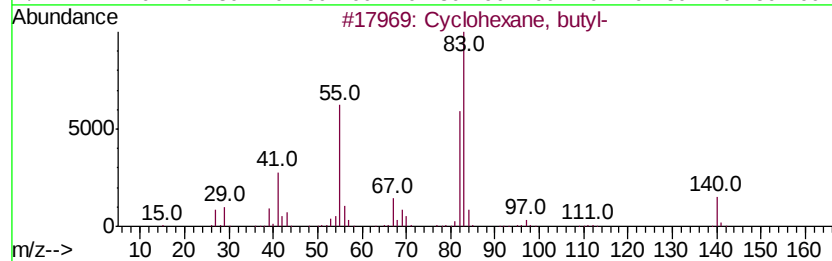
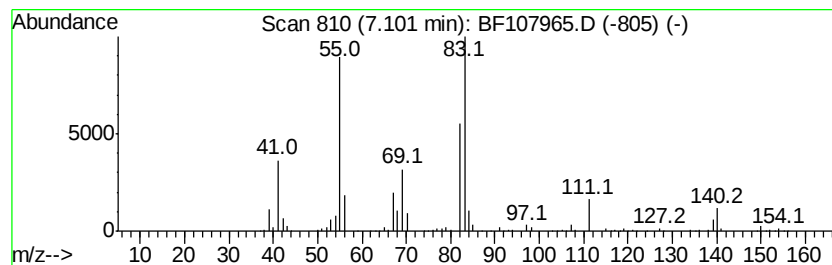
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Cyclohexane, butyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	13.70 ng	2189340	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	70
2			3-Cyclobut-1-enyl-3-hydroxy-2-me...	156	C8H12O3	1000186-72-4	59
3			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	58
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	50



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Data File : BF107965.D
Acq On : 4 Aug 2018 4:06
Operator : JU/SJ
Sample : J4297-04
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ClientSampleId :
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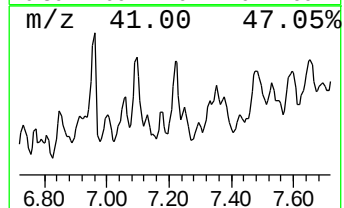
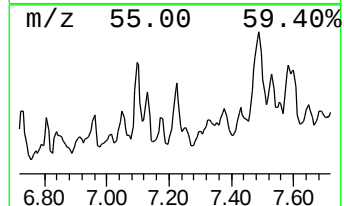
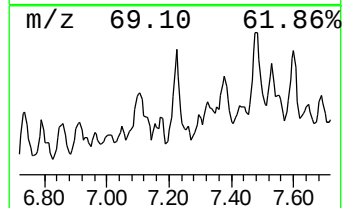
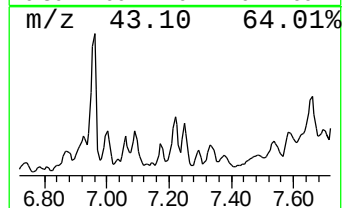
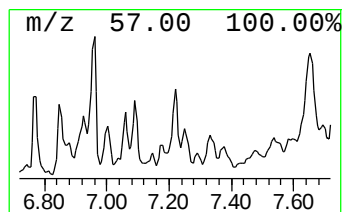
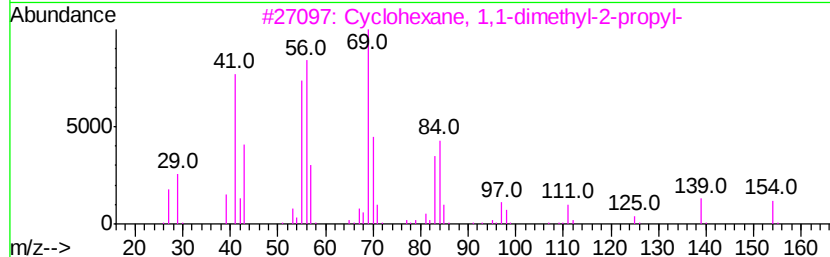
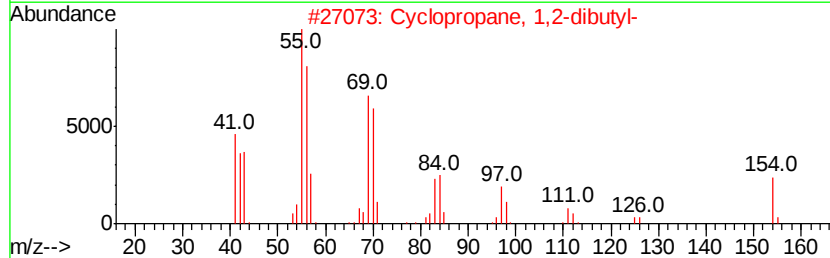
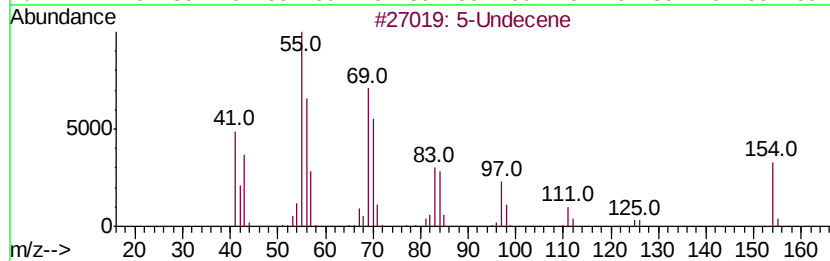
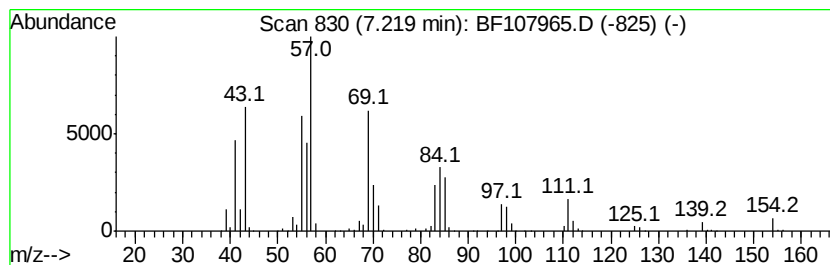
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 5-Undecene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	18.00 ng	2877470	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Undecene	154	C11H22	004941-53-1	91
2	Cyclopropane, 1,2-dibutyl-	154	C11H22	041977-32-6	91
3	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	83
4	4-Decene, 4-methyl-, (E)-	154	C11H22	060366-66-7	58
5	Cyclopentane, hexyl-	154	C11H22	004457-00-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107965.D
Acq On : 4 Aug 2018 4:06
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Instrument :
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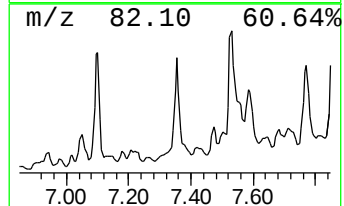
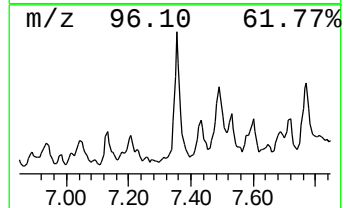
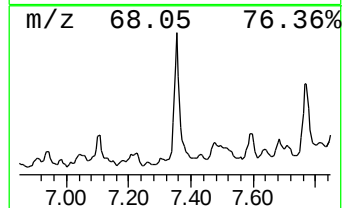
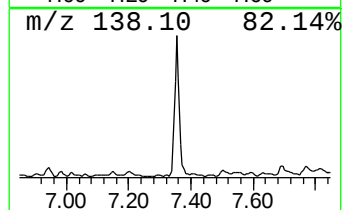
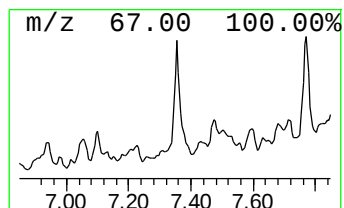
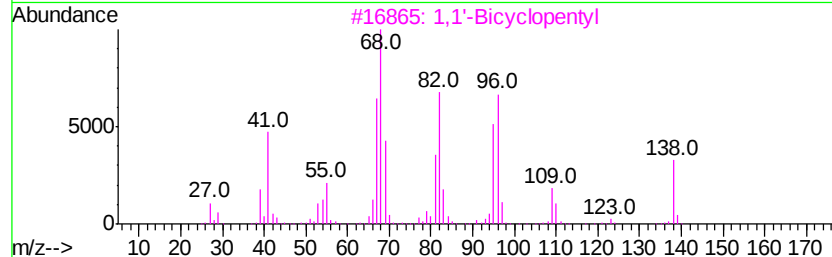
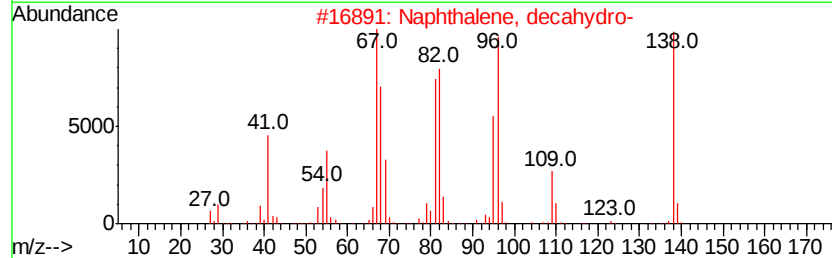
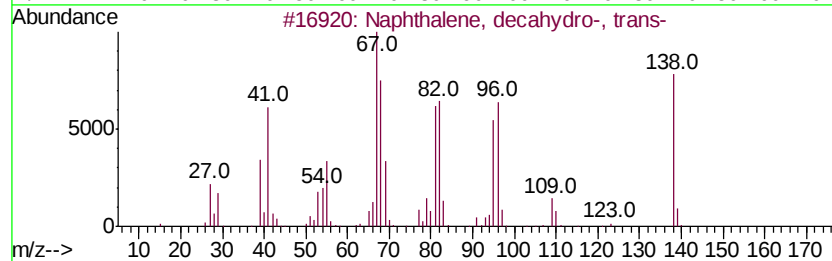
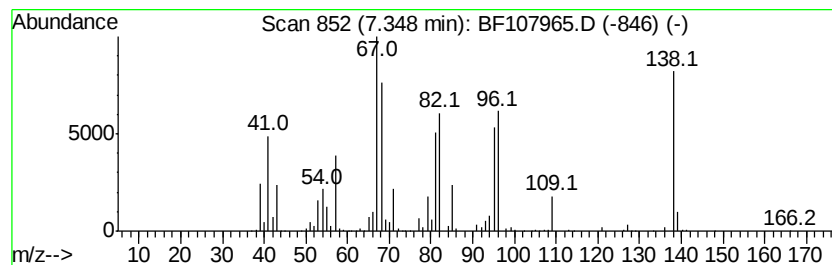
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, decahydro-, tr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	17.10 ng	2733350	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	93
3		1,1'-Bicyclopentyl	138	C10H18	001636-39-1	90
4		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	83
5		2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107965.D
Acq On : 4 Aug 2018 4:06
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ClientSampled :
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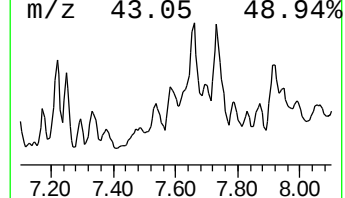
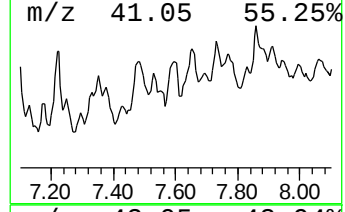
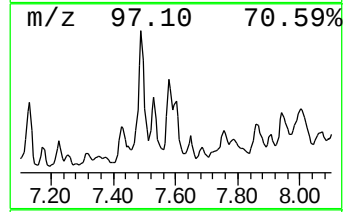
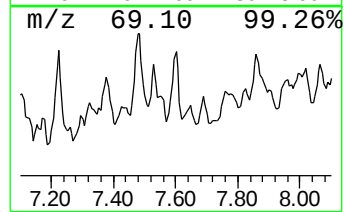
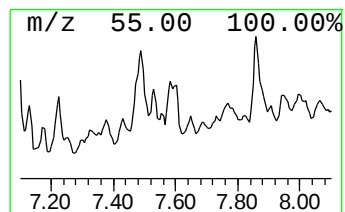
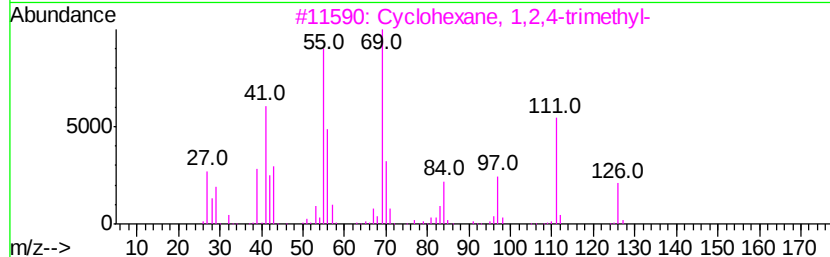
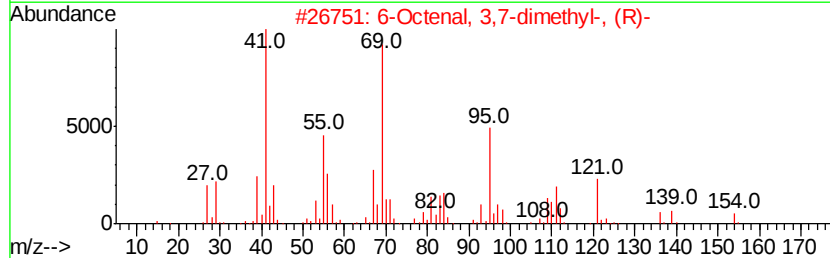
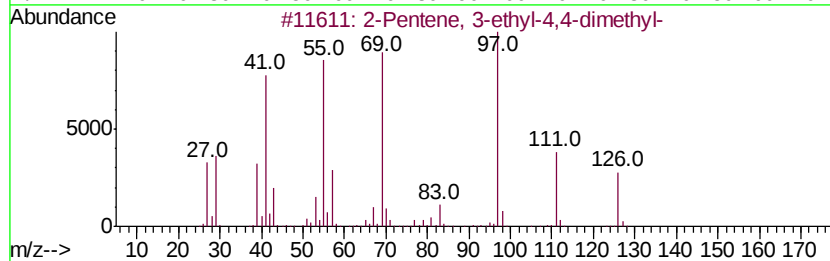
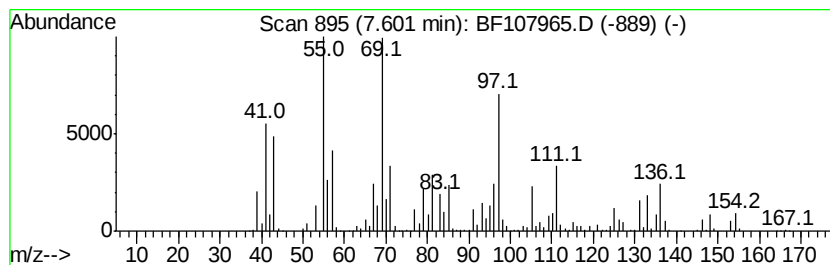
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown7.60 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	19.15 ng	3060750	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	35		
2	6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	30		
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	27		
4	2-Propanamine, N,N'-methanetetra...	126	C7H14N2	000693-13-0	22		
5	1,3-Cyclohexanediamine	114	C6H14N2	003385-21-5	22		



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107965.D
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Misc :
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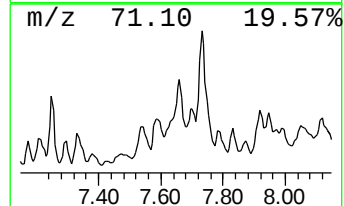
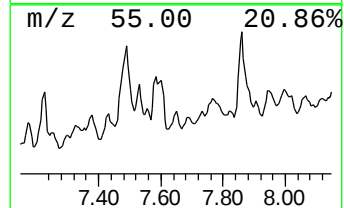
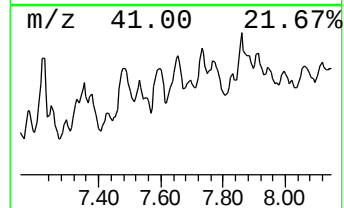
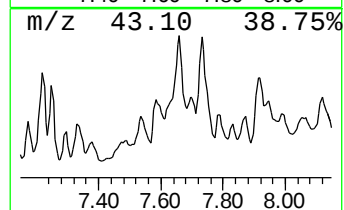
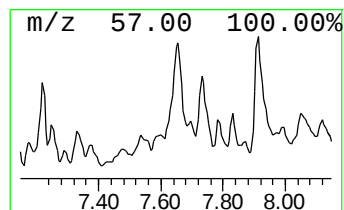
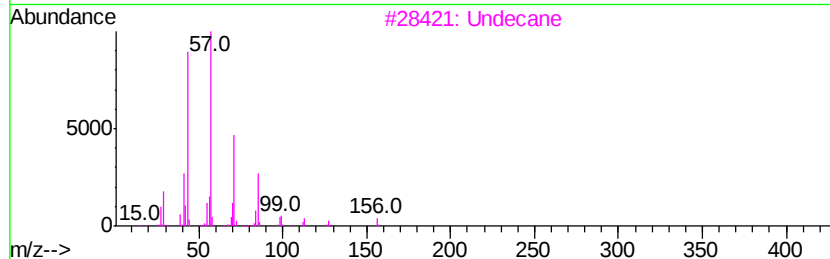
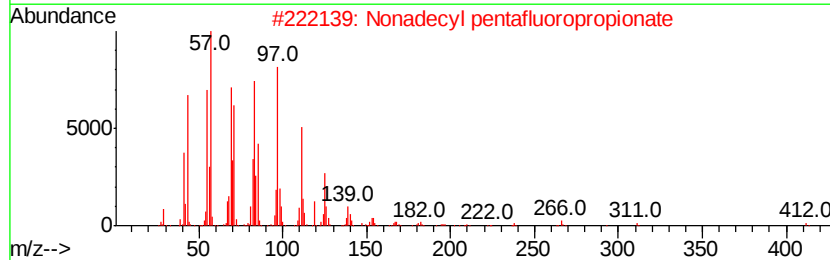
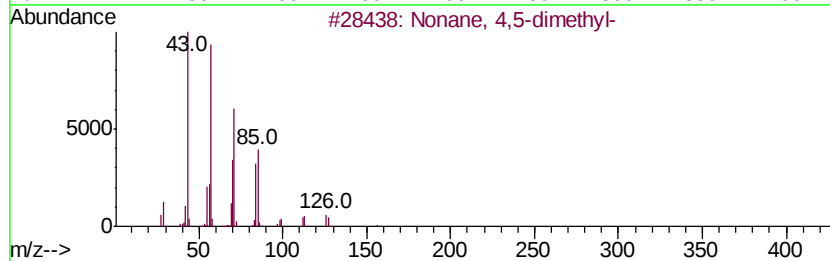
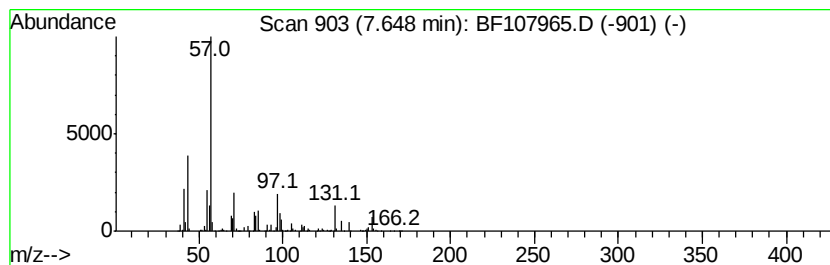
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Nonane, 4,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	16.30 ng	1345160	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	53
2		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	52
3		Undecane	156	C11H24	001120-21-4	50
4		Hexadecane	226	C16H34	000544-76-3	50
5		Decane	142	C10H22	000124-18-5	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107965.D
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Misc :
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Instrument :
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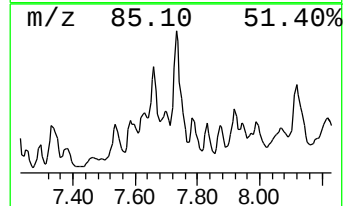
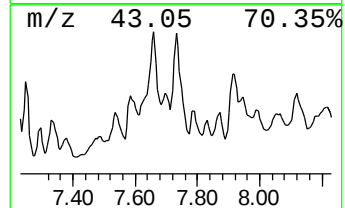
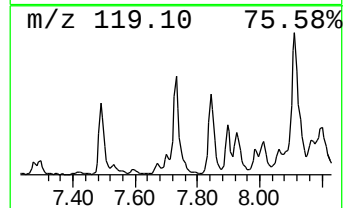
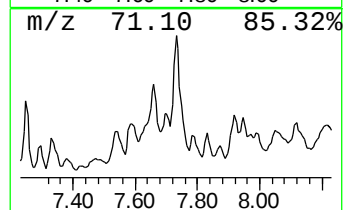
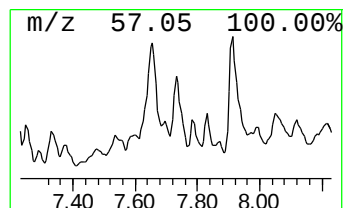
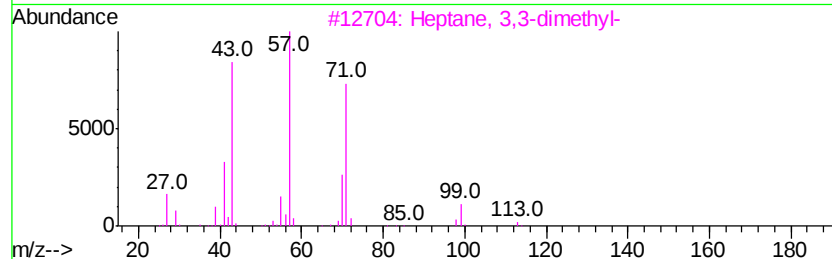
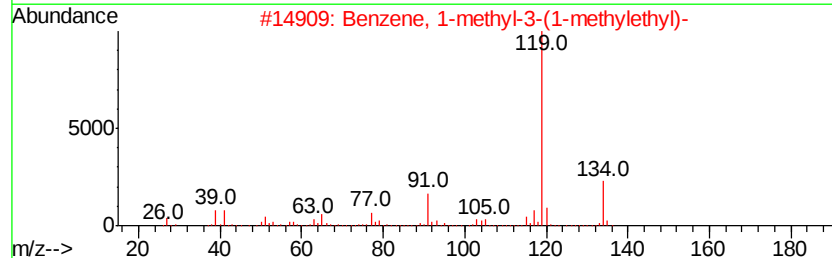
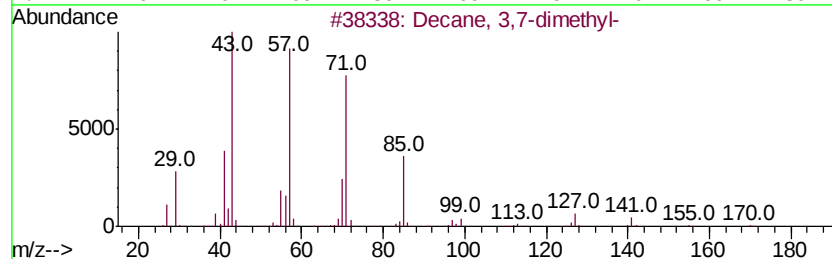
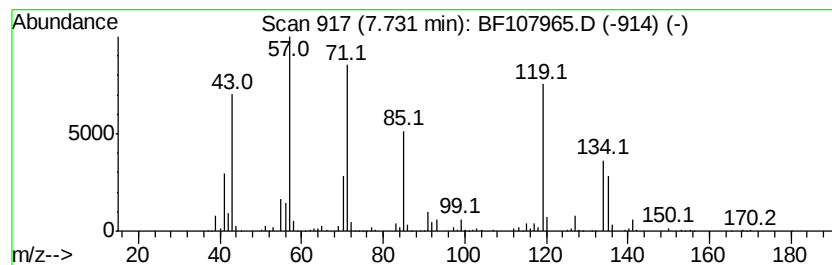
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Decane, 3,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	22.06 ng	1820490	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	55
2		Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	30
3		Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	27
4		Decane, 3,3,8-trimethyl-	184	C13H28	062338-16-3	27
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
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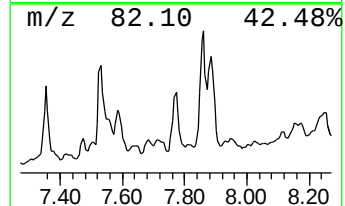
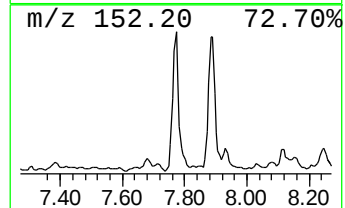
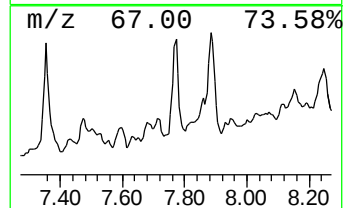
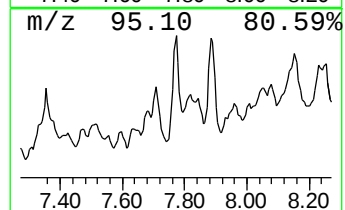
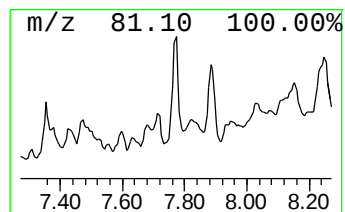
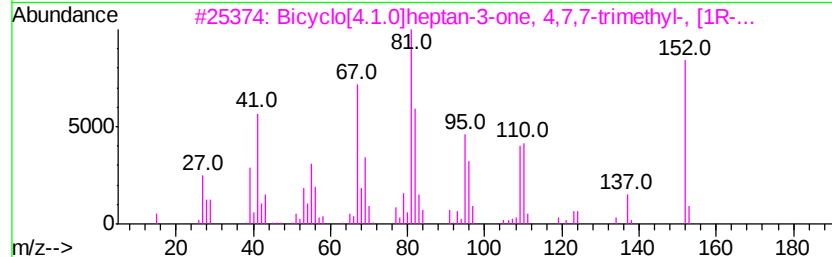
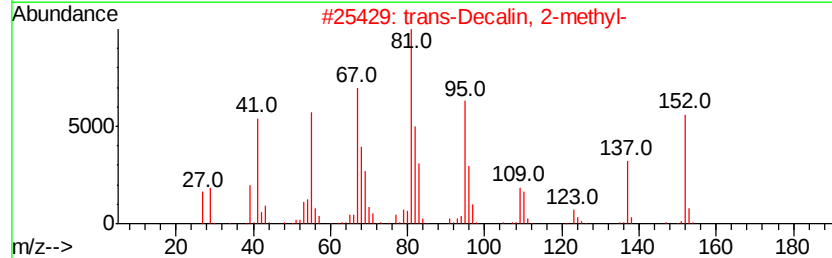
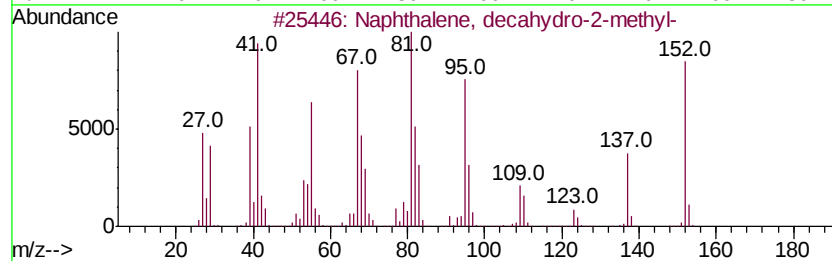
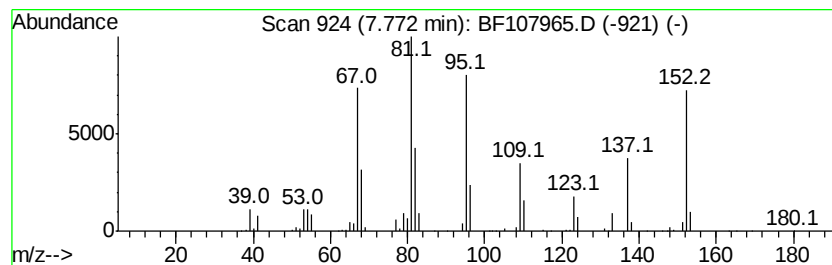
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Naphthalene, decahydro-2-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	22.62 ng	1867330	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	87
3		Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	81
4		Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	64
5		Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
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ClientSampled :
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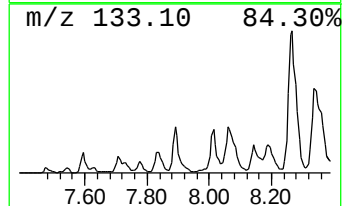
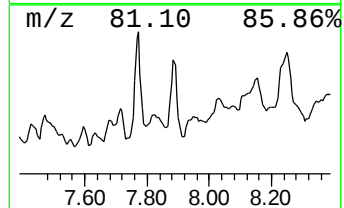
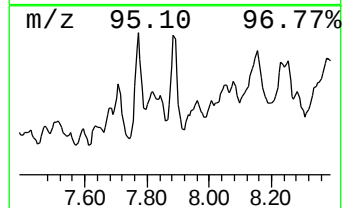
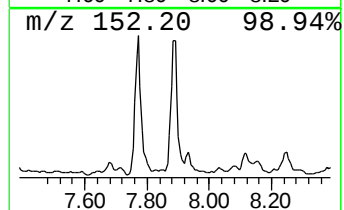
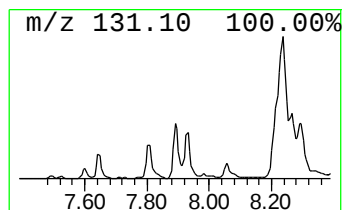
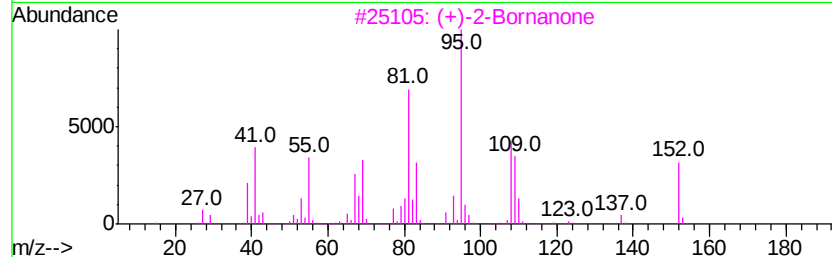
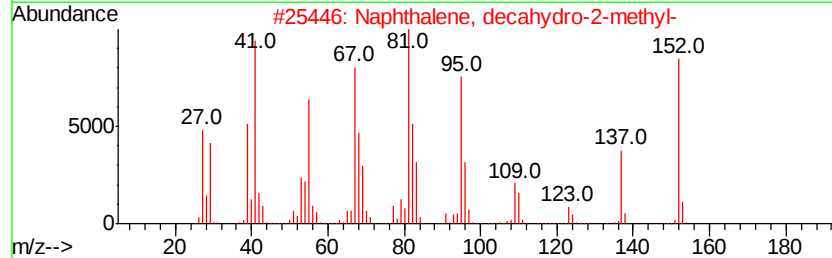
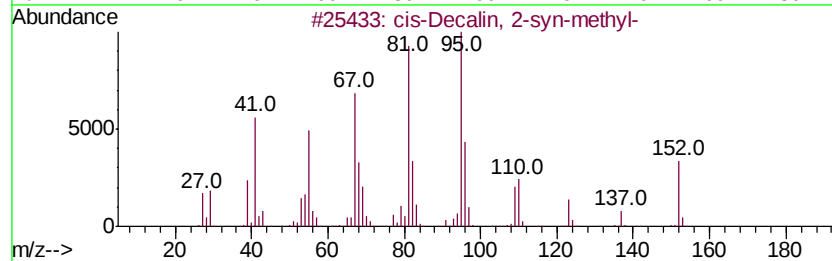
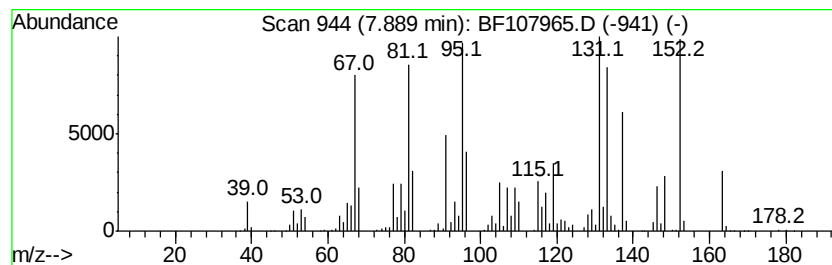
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown7.89 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	30.01 ng	2476740	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	49
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	47
3		(+)-2-Bornanone	152	C10H16O	000464-49-3	46
4		Pulegone	152	C10H16O	000089-82-7	38
5		Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107965.D
Acq On : 4 Aug 2018 4:06
Operator : JU/SJ
Sample : J4297-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

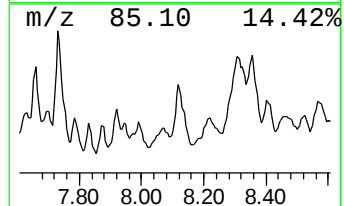
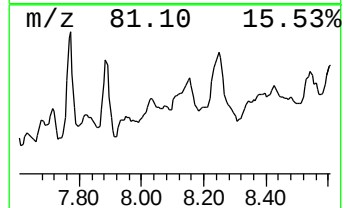
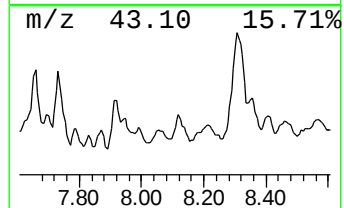
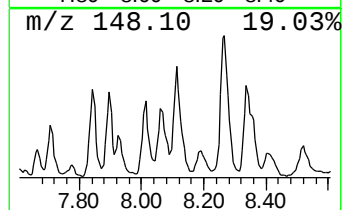
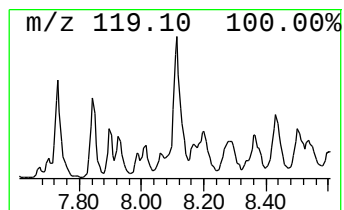
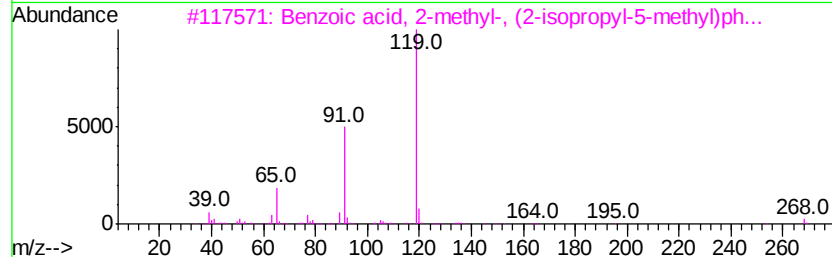
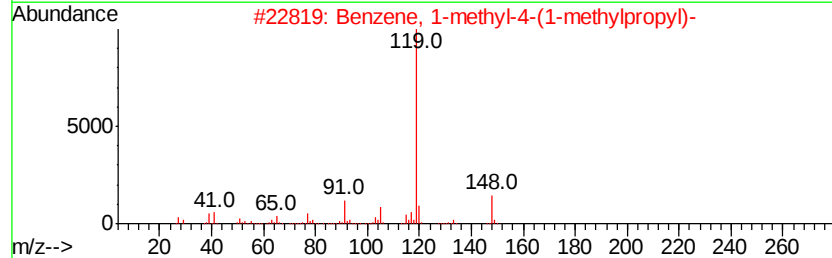
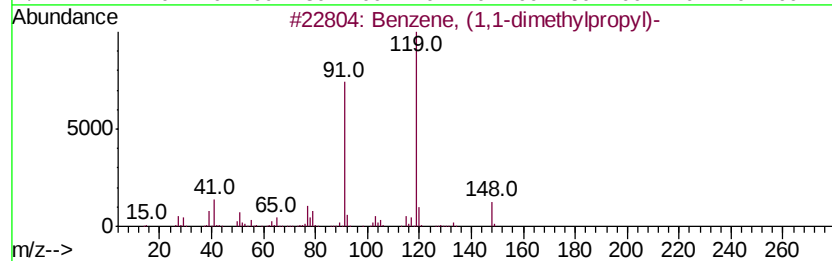
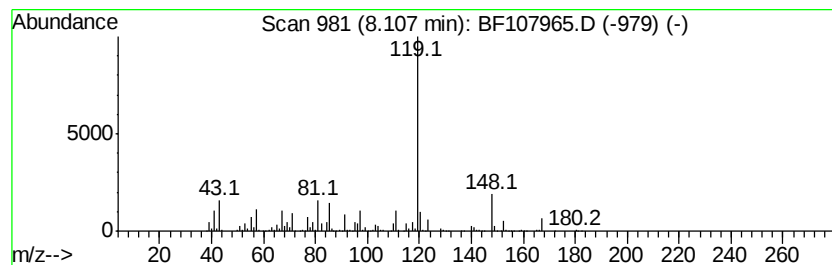
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzene, (1,1-dimethylpropyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	20.00 ng	1650860	Napthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	53
2		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	50
3		Benzoic acid, 2-methyl-, (2-isop...	268	C18H20O2	032276-66-7	43
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	43
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107965.D
Acq On : 4 Aug 2018 4:06
Operator : JU/SJ
Sample : J4297-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

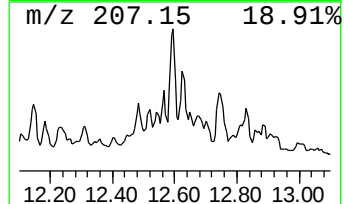
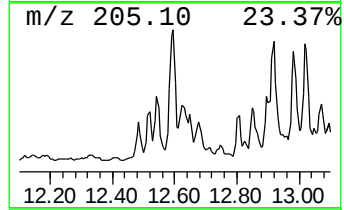
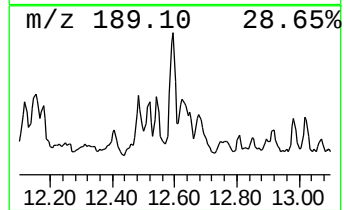
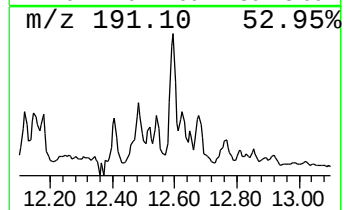
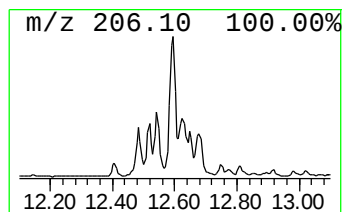
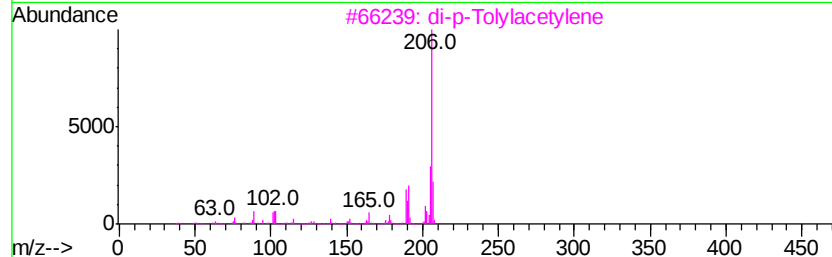
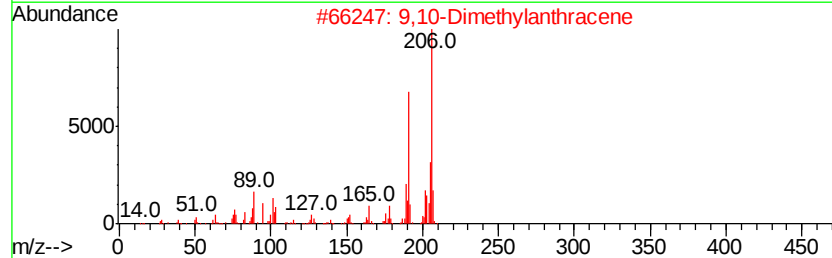
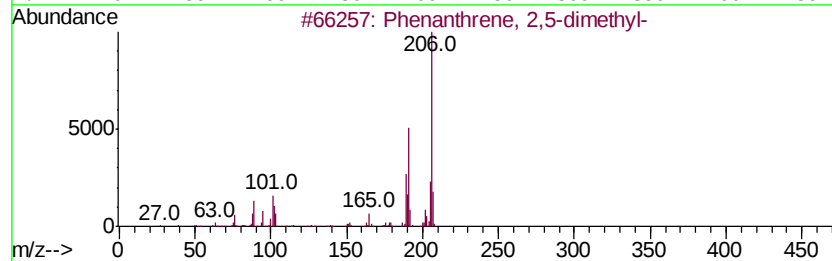
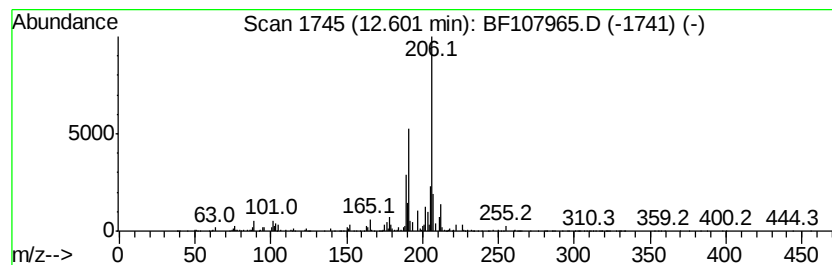
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	20.00 ng	955786	Phenanthrene-d10	11.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	90
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	83
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080318\
 Data File : BF107965.D
 Acq On : 4 Aug 2018 4:06
 Operator : JU/SJ
 Sample : J4297-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane, 1-et...	5.98	7.3	ng	1162500	1	6.97	3196350	20.0
Nonane, 3-methyl-	6.19	21.9	ng	3493450	1	6.97	3196350	20.0
Decane, 2,5,6-tri...	6.38	9.4	ng	1495720	1	6.97	3196350	20.0
Nonane, 4-methyl-	6.44	7.1	ng	1140000	1	6.97	3196350	20.0
Cyclohexane, 1,1,...	6.49	18.2	ng	2911020	1	6.97	3196350	20.0
Sulfurous acid, c...	6.70	11.8	ng	1879690	1	6.97	3196350	20.0
unknown6.74	6.74	11.6	ng	1853720	1	6.97	3196350	20.0
Acetaldehyde, 2-b...	6.85	16.3	ng	2611450	1	6.97	3196350	20.0
unknown6.91	6.91	11.4	ng	1815290	1	6.97	3196350	20.0
unknown7.05	7.05	11.8	ng	1891160	1	6.97	3196350	20.0
Cyclohexane, butyl-	7.10	13.7	ng	2189340	1	6.97	3196350	20.0
5-Undecene	7.22	18.0	ng	2877470	1	6.97	3196350	20.0
Naphthalene, deca...	7.35	17.1	ng	2733350	1	6.97	3196350	20.0
unknown7.60	7.60	19.1	ng	3060750	1	6.97	3196350	20.0
Nonane, 4,5-dimet...	7.65	16.3	ng	1345160	2	8.25	1650860	20.0
Decane, 3,7-dimet...	7.73	22.1	ng	1820490	2	8.25	1650860	20.0
Naphthalene, deca...	7.77	22.6	ng	1867330	2	8.25	1650860	20.0
unknown7.89	7.89	30.0	ng	2476740	2	8.25	1650860	20.0
Benzene, (1,1-dim...	8.11	20.0	ng	1650860	2	8.25	1650860	20.0
Phenanthrene, 2,5...	12.60	20.0	ng	955786	4	11.55	955786	20.0